

Volatile organic compounds in water (23 VOC's + Vinyl chloride + Epichlorohydrin)

Technique Tekmar P&T
 Injection Cryoforcus
 Column AQUATIC
 0.25mmL.D×60m df=1.0µm
 Column Temp 40°C (1min) →4°C / min→100°C→10°C / min→200°C
 Carrier Gas He 100kPa
 Detector MS

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|-----------------------------|----------------------------------|---------------------------|
| 1 Vinyl chloride | 10 Benzene | 19 Tetrachloroethene |
| 2 1,1-Dichloroethene | 11 Trichloroethene | 20 Dibromochloromethane |
| 3 Dichloromethane | 12 1,2-Dichloropropane | 21 m-Xylene |
| 4 trans -1,2-Dichloroethene | 13 Bromodichloromethane | 22 p-xylene |
| 5 cis -1,2-Dichloroethene | 14 Epichlorohydrin | 23 o-Xylene |
| 6 Chloroform | 15 cis -1,3-Dichloro-1-propene | 24 Bromoform |
| 7 1,1,1-Trichloroethane | 16 Toluene | I.S. p-Bromofluorobenzene |
| 8 Tetrachloromethane | 17 trans -1,3-Dichloro-1-propene | 25 p-Dichlorobenzene |
| 9 1,2-Dichloroethane | 18 1,1,2-Trichloroethane | |

Sample Size 5mL
 Sample Temp. 40°C
 Purge Temp. room Temp.
 Purge Flow 40mL / min
 Purge Time 8min
 Dry Purge Time 3min
 Desorb Temp. 180°C
 Desorb Time 6min
 Injection Type Cryoforce
 (Cryo.Temp.) -180 / 200°C
 Trapping Tube 8G

